

5           **PROCESS FOR THE HYDROGENATION OF ALKYLARYL KETONES**

ABSTRACT

          The present invention pertains to a process for  
the hydrogenation of alkylaryl ketones, which process  
10       involves contacting a feed containing the alkylaryl  
ketones and from 0.5% to 30% by weight of phenolic  
compounds with hydrogen in the presence of a  
heterogeneous hydrogenation catalyst. The invention  
further relates to a process for preparing a  
15       hydrogenation catalyst with improved activity.